INSTALLING THE NCE POWER CAB™ UPGRADE CHIP

1. Unplug the Power Cab™.

2. Remove the 9 screws that hold the back to the front of the case.

3. Lift off the back of the case and set aside.
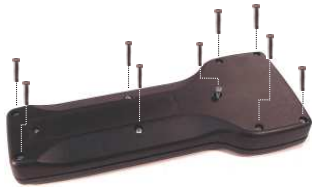
4. Locate the EPROM chip next to the thumbwheel. It is the largest chip inside the Power Cab™

5. Use a small Flat screw driver or hobby knife to separate the EPROM chip from the socket. Make sure you pry BETWEEN the socket and the chip. Work end to end lifting a little on one end, then a little on the other end. Pry the Eprom chip straight up from the socket it is pressed in to. You will no longer need this chip but hang on to it for the time being.

Do Not pry here   *Pry here*
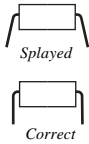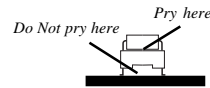
6. The new EPROM chip comes to you with its legs slightly splayed outward. You will need to bend these legs so that they are straight down from the sides of the chip. Place the chip on a flat, hard surface as shown in the diagram and bend the body of the chip so that the legs are straight. Repeat with the opposite side legs.

Splayed

Correct
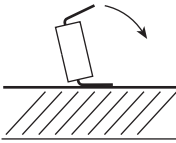
7. There is a small "U" shaped indent or dimple in one end of the chip. This is the TOP of the chip. Place the chip on the socket with this "U" shape toward the top of the cab (toward the LCD pc board).

Dimple   *"U" shaped indent*
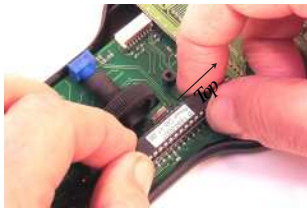
8. Align the legs to the socket. When satisfied that ALL of the legs are in line with a socket position, press the new chip down into the socket. Work from end to end, press a little on one end, then a little on the other end. Keep doing this until the EPROM chip is FULLY seated in the socket.
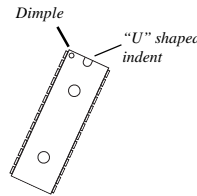
Make sure none of the legs are bent under or outside the socket.

9. Examine the installation to ensure ALL 28 of the legs have engaged the socket correctly.

10. Replace the back of the case and the 9 screws that hold the back to the front. DO NOT OVERTIGHTEN THE SCREWS. You could inadvertently break the screw boss inside the cab front.

11. Plug the Power Cab™ back into your PCP panel and enjoy the greatest train control in model railroading!cab (toward the LCD pc board).